

HYCAD WORKSHOP and SITE VISIT

30th November, 2023

Address: Via Lungadige Galtarossa 21/c,
37133 VERONA, Italy

WORKSHOP

Welcome and introduction

- > 10:00/10:30 – Introducing innovative HCW systems

Design procedure and global performance of the HCWs

- > 10:30/11:00 – Ductile design of single-pier steel and concrete hybrid coupled walls
- > 11:00/11:30 – Seismic performance analysis of single-pier steel and concrete hybrid coupled walls

Constructing and fabricating the HCWs

- > 11:30/11:45 – Precast lattice girders double slabs walls
- > 11:45/12:00 – Fabrication and assembly of specimens for the “Link-to-HCW” component tests
- > 12:00/12:15 – Assembling specimens in Pisa
- > 12:15/12:30 – A step-by-step assembly of full-scale HCW systems

Lunch Break

Experimental investigations on structural components

- > 13:30/14:00 – Experimental investigations on “Link-to-HCW” components
- > 14:00/14:30 – Experiments on two types of wall bases

Design case studies with full-scale structures

- > 14:30/15:00 – HCW integrated into full-scale buildings – Fixed base wall
- > 15:00/15:30 – Seismic Performance of a 3D Multi-Story Building with HCWs
- > 15:30/16:00 – Benefits and limitations of the proposed HCWs

SITE VISIT

- > 16:30 – Registration and visit to Acciaierie di Verona steel plant
- > 18:30 – Conclusion

Certification and credits

Final certification and credits (if applicable) will be issued to participants who will attend at least 100% of the Workshop as well as 100% of the Site visit.

Engineers registered to the Italian “Albo” will receive No. 5 credits (CFP) for the Workshop and No. 2 credits (CFP) for the Visit.

Registration

Participation to the Workshop and Visit is FREE. It will be admitted a maximum No. of 40 participants.

To submit your registration please contact:

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Speaker:

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THE ENTIRE WORKSHOP AND SITE VISIT WILL BE HELD IN ENGLISH

The different work packages of the HYCAD project is supported by the following academic and industrial partners:

